

ENVY MULTI 250 AC/DC



SKU: U11238

Get superior performance on your worksite or in your workshop, the ENVY MULTI 250 AC/DC is capable of every kind of welding and filled with the latest revolutionary technologies.

- Silicon carbide MOSFET technology
- Single and double pulse MIG programs
- High-frequency AC & DC TIG
- MIG & TIG Smart-Set weld modes for complete synergic setups
- Holds up to 15kg (D300) MIG wire spools

Package Contents:

- ENVY MULTI 250 AC/DC Welder
- 3m M350 Digital MIG Torch
- 4m T2 TIG Torch
- 4m Twist Lock Electrode Holder
- 4m 300 Amp Earth Clamp & Lead
- 2 x Dual Stage Argon Flowmeters
- 2 x 1.8m Quick-Connect Gas Hoses
- Operating Manual
- 4 x 0.8-0.9mm V Groove Roller
- 4 x 0.8-0.9mm F Groove Roller
- 4 x 1.0-1.2mm U Groove Roller

Technical Data

Parameter	Values
SKU	U11238
Primary Input Voltage	240V Single Phase 50/60Hz
Supply Plug	15A
I _{eff} (A)	15.0 (15A) / 20.9 (32A)
I _{max} (A)	34.0
Rated Output	3-250A
Open Circuit Voltage (OCV)	92V
OCV With VRD Active	6V
Voltage Reduction Device (VRD)	Yes
Protection Class	IP21S
Insulation Class	H
Minimum Generator (kVA)	12.0
Dinse Connector	35/50
Standard	AS 60974.1
Welds	MIG: Mild Steel, Stainless Steel, Aluminium, Silicon Bronze MMA: Mild Steel, Stainless Steel, Cast Iron TIG: Mild Steel, Stainless Steel, Aluminium, Copper, Silicon Bronze, Titanium, Magnesium, Zinc Alloys
Warranty (Years)	5

MIG Specifications

Parameter	Values
MIG Welding Current Range	20-250A
MIG Duty Cycle @ 40°C	20% @ 250A, 60% @ 144A, 100% @ 112A (15A) 40% @ 250A, 60% @ 204A, 100% @ 158A (32A)
MIG Wire Size Range	0.6-1.2mm
MIG Wire Spool Size	5kg (200mm) / 15kg (300mm)
MIG Welding Thickness Range	1-12mm
Drive Roller Size	37/24

TIG Specifications

Parameter	Values
TIG Function Type	AC/DC HF TIG & AC/DC Pulse
TIG Welding Current Range	3-250A
TIG Duty Cycle @ 40°C	30% @ 250A, 60% @ 177A, 100% @ 137A (15A) 40% @ 250A, 60% @ 204A, 100% @ 158A (32A)
TIG Welding Thickness Range	1-10mm

MMA Specifications

Parameter	Values
STICK Welding Current Range	10-230A
STICK Duty Cycle @ 40°C	20% @ 230A, 60% @ 133A, 100% @ 103A (15A) 40% @ 230A, 60% @ 188A, 100% @ 145A (32A)
STICK Electrode Range	2.5-4.0mm
STICK Welding Thickness Range	2-12mm

Size & Weight

Parameter	Values
Dimensions (mm)	810x280x520
Weight (kg)	34.5